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11 April 1960

MEMORANDUM FOR: ELINT Research Advisory Committee

SUBJECT : ERAC Agenda Items

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1. Additional data on Agenda Items II and III has been assembled and is forwarded by ELINT Staff Office for consideration by ERAC. An attempt has been made to clarify and to isolate the problems requiring concurrence.

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2. Agenda Item II - [REDACTED] Proposal.

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The feasibility of an [REDACTED] collection technique was agreed to at a special meeting of ERAC (Sixth Meeting).

Action on the development of [REDACTED] was deferred at the Eighth Meeting of ERAC awaiting ED/SI requirements and a technical proposal by the ESO/SI.

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A technical proposal and a copy of the ED/SI requirements were forwarded by the ESO to members of ERAC on 1 April 1960.

The attachment hereto is a further study of the problem and presents a possible [REDACTED] design and information capability that more nearly meets the ED/SI [REDACTED] requirements.

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Problem for ERAC Concurrence.

It is recommended that ERAC accept the design proposed in Fig. 1A as a basis to contract for further study of the technique in relation to the requirement and for the development of that portion of [REDACTED] consisting of the transducers, memory and sequencing modules.

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3. Agenda Item III - [REDACTED] Contract Negotiations.

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Problem: To determine Agency approach for the development of an [REDACTED] consisting of transducers, storage, and sequencing modules as agreed by ERAC.

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Objective: The goal of this task is to determine the most practical approach for the development of an [REDACTED] and to construct and test a prototype equipment, including a simulated programmer for test purposes.

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Proposal: It is proposed:

a. That intra-Agency responsibility for contract negotiations for the development of [REDACTED] be determined and,

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b. that ERAC concur in the negotiation of a contract in pursuance of the [REDACTED] technical proposal. The contract to include:

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(1) a further investigation of the technique in relation to the requirements and

(2) the development of an [REDACTED] incorporating the best techniques possible with due consideration to operational feasibility and available hardware; and with sufficient flexibility that any of several interrogating techniques may be employed.

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Possible Sources: [REDACTED]

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Chairman
ELINT Research Advisory Committee

Attachment

a/s

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